

FLORIDA

Science and Engineering Profile

	FL	U.S.	Rank		FL	U.S.	Rank
Doctoral scientists, 1995	12,403	453,928	14	Total R&D performance, 1995 (millions)	\$5,223	\$177,210	12
Doctoral engineers, 1995	2,633	86,738	12	Industry R&D, 1995 (millions)	\$4,101	\$130,332	10
S&E doctorates awarded, 1996	762	27,230	9	Academic R&D, 1995 (millions)	\$559	\$21,606	12
of which, in engineering	24%	23%		of which, in life sciences	48%	55%	
in life sciences	21%	25%		in engineering	16%	16%	
in psychology	19%	13%		in physical sciences	15%	10%	
S&E postdoctorates, 1995	543	35,379	21	Higher education current-fund expenditures, 1995 (millions)	\$5,222	\$182,602	10
in doctorate-granting institutions							
S&E graduate students, 1995	16,531	436,328	9	Number of SBIR awards, 1990-1996	558	26,399	13
in doctorate-granting institutions				Patents issued to state residents, 1996	2,082	61,099	10
Population, 1996 (000s)	14,400	269,067	4	Gross state product, 1994 (billions)	\$317.8	\$6,876.0	5
Civilian labor force, 1996 (000s)	6,938	135,528	4	of which, agriculture	2%	2%	
Personal income per capita, 1996	\$24,104	\$24,231	21	manufacturing, mining, construction	13%	23%	
Federal spending				transportation, communication, utilities	9%	9%	
Total expenditures, 1996 (millions)	\$79,167	\$1,368,858	4	wholesale and retail trade	18%	16%	
R&D obligations, 1995 (millions)	\$2,404	\$67,080	10	finance, insurance, real estate services	21%	19%	
				government	23%	20%	
					13%	13%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Florida by Agency and Performer: Fiscal Year 1995

[Thousands of Dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	2,403,899	554,440	0	1,573,440	262,972	8,165	4,882	10
Department of Agriculture	33,691	21,115	0	80	12,461	35	0	13
Department of Commerce	29,084	23,323	0	1,938	3,682	20	121	11
Department of Defense	1,744,366	294,493	0	1,404,755	45,118	0	0	6
Department of Energy	21,046	0	0	9,542	10,827	677	0	25
Dept. of Health & Human Services	127,429	0	0	6,129	116,198	3,933	1,169	23
Department of the Interior	14,195	10,944	0	69	3,124	0	58	9
Department of Transportation	5,280	375	0	1,149	955	0	2,801	25
Environmental Protection Agency	18,670	7,823	0	8,583	2,122	0	142	9
Nat'l Aeronautics & Space Admin.	356,445	196,367	0	140,980	17,734	773	591	7
National Science Foundation	53,693	0	0	215	50,751	2,727	0	13
State rank	10	7	na	5	12	27	12	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable